

YUPLENE® R931Y

Polypropylene Random Copolymer

SK Global Chemical

Message:

YUPLENE® R931Y is a Polypropylene Random Copolymer (PP Random Copolymer) product. It is available in Asia Pacific, Europe, or North America.
Typical application: Food Contact Applications.

General Information			
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.5	g/10 min	ASTM D1238
Spiral Flow	60.0	cm	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	88		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	30.4	MPa	ASTM D638
Tensile Elongation (Break)	> 500	%	ASTM D638
Flexural Modulus	1270	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	98	J/m	ASTM D256
Aging	Nominal Value	Unit	Test Method
Oven Aging	15.0	day	ASTM D3012
Heat Deflection Temperature	88	°C	ASTM D648
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	135	°C	ASTM D1525

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 1342475533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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